

### Remarks

Applicants respectfully request entry of the above amendments and consideration of the application, as amended. After entry of the amendments, claims 1 and 4-36 are pending. Claims 2 and 3 have been rewritten as claims 14 and 26, respectively. Support for the new claims can be found throughout the specification (e.g., pages 53-60), and therefore, no new matter has been added.

Additionally, paragraph 3 on page 46 has been amended to correct a grammatical error.

Further, paragraph 1 on page 64 has been amended to correct two typographical errors. The first is to indicate the correct number of iterations for the equation. As shown in the examples, if there are 3 equidistant servers, then there are 3 iterations. Since  $k$  begins at 0, it should state: "or  $k=0$  to the number of servers-1," as supported by the examples in the specification. The second correction is to balance the parenthesis. Support for the amendments can be found throughout the specification (e.g., pages 64-66), and therefore, no new matter has been added.

In addition, paragraph 1 on page 64 has been amended to correct two typographical errors. The first is to indicate the correct number of iterations for the equation. As shown in the examples, if there are 3 equidistant servers, then there are 3 iterations. Since  $k$  begins at 0, it should state: "or  $k=0$  to the number of servers-1," as supported by

the examples in the specification. The second correction is to balance the parenthesis. Support for the amendments can be found throughout the specification (e.g., pages 64-66), and therefore, no new matter has been added.

In accordance with 37 C.F.R. 1.121, a version with markings to show changes made is provided on one or more pages separate from the amendment. These pages are appended at the end of the Amendment.

Should the Examiner have any questions regarding this application, please call applicants' attorney at the below listed number.

Respectfully submitted,

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Dated: April 12, 2002

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Version with markings to show changes made

In the Specification:

On page 1, paragraphs 2-5, lines 11-25 and page 2, paragraphs 1-3, lines 1-11 have been amended, as follows:

"Method, System And Program Products For Managing A Clustered Computing Environment," Novaes et al., (Docket No. POU9-2000-0004-US1), Serial No. [\_\_\_\_\_] 09/583,677, filed [herewith] May 31, 2000;

"Method, System And Program Products For Providing Clusters Of A Computing Environment," Novaes et al., (Docket No. POU9-2000-0021-US1), Serial No. [\_\_\_\_\_] 09/583,686, filed [herewith] May 31, 2000;

"Method, System And Program Products For Defining Nodes To A Cluster," Novaes et al., (Docket No. POU9-2000-0011-US1), Serial No. [\_\_\_\_\_] 09/583,582, filed May 31, 2000;

"Method, System And Program Products For Ordering Lists Of Service Addresses To Provide Load Balancing Of A Clustered Environment," Novaes et al., (Docket No. POU9-2000-0010-US1), Serial No. [\_\_\_\_\_] 09/584,638, filed May 31, 2000;

"Method, System And Program Products For Automatically Configuring Clusters Of A Computing Environment," Novaes et

al., (Docket No. POU9-2000-0005-US1), Serial No.  
[ ] 09/584,528, filed [herewith] May 31, 2000;

"Method, System And Program Products For Managing  
Identifiers Of Components Of A Clustered Environment,"  
Novaes et al., (Docket No. POU9-2000-0007-US1), Serial No.  
[ ] 09/584,935, filed [herewith] May 31, 2000;  
and

"Method, System And Program Products For Managing  
Cluster Configurations," Novaes et al., (Docket No. POU9-  
2000-0096-US1), Serial No. [ ] 09/583,693, filed  
[herewith] May 31, 2000.

Paragraph 3 on page 46, lines 21-26 and lines 1-2 on  
page 47 has been amended as follows:

Thereafter, the resource controllers update the System  
Registry (Step 5, FIG. 15) with the configuration for the  
resources (e.g., hardware) that they control, and [notifies]  
notify the Resource Manager on the new node (Step 6, FIG.  
15) that the update is complete. The Resource manager  
process then notifies the DCM (Step 8, FIG. 15), when it  
receives the completion status for this operation for the  
resource controllers that are registered with it.

Paragraph 1 on page 64, lines 1-8 has been amended as  
follows:

Next, the mapping index for one of the equidistant  
servers is calculated using a predefined equation, STEP

2408. In particular, for  $k=0$  to the number of equidistant servers-1, the mapping index is equal to the  $[(\text{node\_number}) \bmod (\text{number\_of\_equidistant\_servers}) + k] \bmod (\text{number\_of\_equidistant\_servers})$ , where mod refers to the module operation defined as the integer remainder of a division operation.

**In the Claims:**

Claims 2 and 3 have been canceled, without prejudice.

New claims 4-36 have been added.